Listing of the Claims

This listing of claims will replace all prior versions, and listings, of claims in the application.

1. (Currently amended)   A method, comprising:

scanning, ~~by a wireless local area network scanner in a wireless device,~~ to detect ~~the~~ a presence of a wireless local area network ~~WLAN~~;

detecting the presence of said wireless local area network ~~by employing said wireless local area network scanner to identify energy fluctuations without a wireless local area network baseband circuit being activated to process data~~;

determining a media access control identification of ~~contacting~~ a base station of said wireless local area network ~~by the wireless local area network baseband circuit in said wireless device in response to detection of said wireless local area network to request location of said base station; and~~

receiving a location of said base station through said wireless local area network; and

logging the media access control identification of said base station and the received location.

2. (Canceled) ~~The method according to claim 1, further comprising logging, on said wireless device, said location of said base station for future reference.~~

3. (Original)   The method of claim 1, wherein said location comprises a map coordinate location of said base station.

4. (Original)   The method of claim 1, wherein said location comprises one of a street address and longitude/latitude coordinates for said base station.

5. (Currently amended)   The method of claim 1, ~~wherein said contacting~~ further ~~comprises~~ comprising:

comparing a media access control identification ~~MAC address~~ of said base station to a database of known locations of base stations of wireless local area networks and not ~~requesting~~ receiving a location from the base station if the contacted said base station is already in said database

6. (Currently amended)   The method of claim 1 ~~2~~, wherein said logging of said location is one of an automated logging and a manual logging.

7. (Original)   The method according to claim 1, wherein said location comprises global position coordinates.

8. (Original)   The method of claim 1, wherein said detecting comprises detecting signature sequences from a wireless local area network.

9. (Currently amended)   A wireless device configured to carry out the following steps:

scanning to detect a presence of a wireless local area network ~~WLAN~~;

determining a media access control identification of a detected base station of said wireless local area network;

~~detecting the presence of said wireless local area network by identifying energy fluctuations of a wireless local area network signal without performing carrier recovery to detect the presence of said wireless local area network;~~

~~requesting a~~ receiving a location of said detected base station of said wireless local area network ~~detected for a location of said base station~~; and

~~receiving and~~ logging the media access control identification ~~said location, on said wireless device,~~ of said base station and the received location ~~of said wireless local area network.~~

10. (Original) The wireless device of claim 9, wherein said location comprises a map location of said base station.

11. (Previously Presented)   The wireless device of claim 9, wherein said location comprises a street address for said base station.

12. (Previously Presented) The wireless device of claim 9, wherein said location comprises global position coordinates

13. (Canceled)

14. (Previously Presented)   The wireless device of claim 9, wherein said detecting comprises detection of an energy signature from said wireless local area network.

15. (Previously Presented)   The wireless device of claim 9, further comprising the step of displaying a location of a base station of a wireless local area network logged previously that is near said wireless device.

16. (Currently amended)   A mobile device operable to communicate with a
wireless communication network and a wireless local area network (WLAN),
configured for carrying out the following steps:

scanning to detect a presence of a wireless local area network WLAN by a
wireless local area network scanner in a wireless device;

detecting the presence of said wireless local area network by employing
said wireless local area network scanner to identify energy fluctuations without a
wireless local area network baseband circuit being activated to process data;

contacting determining a media access control identification of a base
station of said wireless local area network detected to request location of said
base station by the wireless local area network baseband circuit in said wireless
device in response to detection of said wireless local area network; and

receiving a location of said base station through said wireless local area

network; and

logging the media access control identification of said base station and the

received location.

17. (Canceled) The mobile device of claim 16, further comprising logging said
location of said base station for future reference.

18. (Original) The mobile device of claim 16, wherein said location
comprises a map coordinate location of said base station.

19. (Original) The mobile device of claim 16, wherein said location comprises a
street address for said base station.

20. (Original) The mobile device of claim 16, wherein said location
comprises global position coordinates.

21. (Previously Presented)   The mobile device of claim 16, further comprising displaying a location of a logged bases station of a wireless local area network near a location input by a user.

22. (New)   The method of claim 9, wherein said detecting comprises detecting energy fluctuations from said wireless local area network.